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(18)

**705/37**

Requester's Full Name: Forest Thompson Examiner #: 76652 Date: 3/02/01 09/359 686  
 Art Unit: 2165 Phone Number 306-5449 Serial Number: 09/359,868  
 Mail Box Location: 5W05 Results Format Preferred (circle): **PAPER** DISK E-MAIL

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Automated System for Conditional Order Transactions in Securities or Other Items in Commerce

Inventors (please provide full names): Robert Scott Nieboer; Pedro V. Balcarce; Ivan N. Zhidov; Micah James Eldred

Earliest Priority Filing Date: 07/23/99

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

An apparatus and method of automatically and anonymously buying and selling positions in fungible properties between subscribers. The specific embodiment described in the disclosure relates to the buying and selling of securities or contracts where the offer to purchase or sell the property may be conditioned upon factors such as the ability to purchase or sell other property or the actual purchase or sale of other property. Specifically, the system described includes methods by which the system will sort and display the information available on each order, methods by which the system will match buy and sell orders and attempt to use other markets to effect the execution of transactions without violating conditions set by the subscriber, methods by which the apparatus will execute transaction and report prices to third parties such that the user is satisfied and short sales are reported as prescribed by the rules and regulations of the appropriate regulatory body governing each subscriber in the associated transaction. A communication system is described which allows subscribers to communicate anonymously for the purpose of effecting transactions in such property under such conditions.

**KEYWORDS:**

Buy	sell	purchase	securities	contracts
Display and sort		transaction	conditions	conditionally purchase or sell
Match buy and sell orders		anonymous transactions		user or buyer or seller or subscriber

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Searcher: Lorraine Flynn 115  
 Searcher Phone #: 308-7751  
 Searcher Location: 4B36  
 Date Searcher Picked Up: 3-8 JW  
 Date Completed: 3-9 NW  
 Searcher Prep & Review Time: 177  
 Clerical Prep Time: \_\_\_\_\_  
 Online Time: 158

**Type of Search**

Type of Search		Vendors and cost where applicable
NA Sequence (#)	STN	
AA Sequence (#)	Dialog	8 min
Structure (#)	Questel/Orbit	
Bibliographic	Dr. Link	705
Litigation	Lexis/Nexis	
Fulltext	Sequence Systems	
Patent Family	WWW/Internet	
Other	Other (specify)	

Internet 3/9/01

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## US3573747:INSTINET COMMUNICATION SYSTEM FOR EFFECTUATING THE SALE OR EXCHANGE OF FUNGIBLE PROPERTIES BETWEEN SUBSCRIBERS

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**Inventor(s):**

Adams; Charles W. , Lexington, MA  
 Behrens; Herbert R. , New York, NY  
 Pustilnik; Jerome M. , New York, NY  
 Gilmore, Jr.; John T. , Acton, MA

**Applicant(s):**

**Institutional Networks Corporation**, New York, NY  
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**Issued/Filed Dates:**

April 6, 1971 / Feb. 24, 1969

**Application Number:**

**US1969000801455**

**IPC Class:**

**G06F 15/24;**

**Class:**

Current: [705/037; 340/825.27](#);  
 Original: [340/172.5; 340/154;](#)

[340/154 235/157 340/172.5](#)

**Field of Search:**
**Legal Status:**

[Show legal status actions](#)

**Abstract:**

This disclosure is directed to an apparatus and method of automatically, anonymously and equitably buying and selling fungible properties between subscribers. The specific embodiment described in the disclosure relates to the buying and selling of securities wherein a communication system pursuant to this invention is described which permits institutional investors to communicate anonymously with each other for the purpose of arranging block trades of listed and over-the-counter securities. Said system comprises a centralized data storage unit, a digital computer, a plurality of subscriber terminals and a plurality of communication links established therebetween. The method of the system comprises the steps of (1) booking unfilled buy offers including associated price and quantity parameters on a buy offer list in a priority sequence according to a first predetermined program, (2)



**Order  
plaques  
now**

DIALOG

3/9/01

get Items Description  
S1 112060 ANONYMOUS? OR MASK? OR DISGUIS? OR UNKNOWN OR HIDDEN OR UN-  
REVEAL?  
S2 962 BUYERS  
S3 969 SELLERS  
S4 40272 BUYING OR PURCHAS?  
S5 2995 SELLING  
S6 112 S1(3N) (S2 OR S3 OR S4 OR S5)  
S7 7 S6(3N) (MATCH? OR RELATE OR RELATING OR CORRELAT? OR RELATE-  
D)  
S8 8 FUNGIBLE(3N) PROPERTIES  
S9 17797 SUBSCRIBER?  
S10 212830 SECURITIES OR CONTRACTS OR STOCK? OR FUND? OR BONDS OR COM-  
MODIT?  
S11 207447 CONDITIONAL? OR DEPENDEN? OR CONTINGEN?  
S12 14 (S4 OR S5) (3N) OTHER(3N) PROPERT?  
S13 7899 OTHER(3N) (MARKET? OR TRANSACTION? OR EVENTS)  
S14 0 S13(S) S6(3N) (EFFECT OR IMPACT OR DICTAT?)  
S15 174017 DISPLAY?  
S16 266882 SORT?  
S17 3 S6(S) S11  
S18 12 S6(S) S10  
S19 9 S11(5N) (S2 OR S3 OR S4 OR S5) (5N) S10  
S20 22 S11(S) (S4 OR S5) (3N) S10  
S21 17 S20 NOT (S19 OR S18 OR S17)  
S22 1 S21(S) (S12 OR S13)  
S23 0 S21(S) (EFFECT OR IMPACT OR DICTAT?)  
S24 16 S21 NOT S22

All considered

File 347:JAPIO Oct 1976-0/Oct (UPDATED 010306)

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File 350:Derwent WPIX 1963-2001/UD,UM &UP=200113

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DIALOG

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Set	Items	Description
S1	189046	ANONYMOUS? OR MASK? OR DISGUISE? OR UNKNOWN OR HIDDEN OR UN- REVEAL?
S2	202	BUYERS
S3	137	SELLERS
S4	11467	BUYING OR PURCHASE?
S5	5032	SELLING
S6	122	S1 AND (S2 OR S3 OR S4 OR S5)
S7	15	S6 AND (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELAT- ED)
S8	0	FUNGIBLE(3N) PROPERTIES
S9	45173	SUBSCRIBER?
S10	159550	SECURITIES OR CONTRACTS OR STOCK? OR FUND? OR BONDS OR COM- MODIT?
S11	104816	CONDITIONAL? OR DEPENDENT? OR CONTINGENT?
S12	(4)	(S4 OR S5) AND OTHER(3N) PROPERTY?
S13	7185	OTHER AND (MARKET? OR TRANSACTION? OR EVENTS)
S14	0	S13 AND S6 AND (EFFECT OR IMPACT OR DICTATE?)
S15	751885	DISPLAY?
S16	54672	SORT?
S17	(9)	S6 AND S11
S18	(11)	S6 AND S10
S19	(9)	S11 AND (S2 OR S3 OR S4 OR S5) AND S10
S20	9	S11 AND (S4 OR S5) AND S10
S21	0	(S17 OR S18 OR S19 OR S20) AND S15 AND S16
S22	(1)	(S18 OR S19 OR S20) AND (S12 OR S13)
S23	(14)	S7 NOT AD=19990723:20010101/PR
S24	0	S19 NOT S20
S25	0	S20 NOT S19

all considered

File 621:Gale Group New Prod.Annou. (R) 1985-2001/Mar 08  
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File 636:Gale Group Newsletter DB(TM) 1987-2001/Mar 08  
(c) 2001 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2001/Mar 08  
(c) 2001 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

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Set	Items	Description
S1	202763	ANONYMOUS? OR MASK? OR DISGUISE? OR UNKNOWN OR HIDDEN OR UN- REVEAL?
S2	235812	BUYERS
S3	74883	SELLERS
S4	1855983	BUYING OR PURCHASE?
S5	692031	SELLING
S6	1301	S1(3N) (S2 OR S3 OR S4 OR S5)
S7	34	S6(3N) (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELATE- D)
S8	17	FUNGIBLE(3N) PROPERTIES
S9	308449	SUBSCRIBER?
S10	4207969	SECURITIES OR CONTRACTS OR STOCK? OR FUND? OR BONDS OR COM- MODIT?
S11	309718	CONDITIONAL? OR DEPENDENT? OR CONTINGENT?
S12	898	(S4 OR S5)(3N) OTHER(3N) PROPERTY?
S13	255824	OTHER(3N) (MARKET? OR TRANSACTION? OR EVENTS)
S14	0	S13(S) S6(3N) (EFFECT OR IMPACT OR DICTATE?)
S15	486036	DISPLAY?
S16	148611	SORT?
S17	①	S6(S) S11
S18	149	S6(S) S10
S19	⑦	RD S8 (unique items)
S20	25	RD S7 (unique items)
S21	⑨	S20 NOT (PY=>1999 OR PD=>990723)
S22	0	S18(S) S13
S23	703	S11(5N) (S2 OR S3 OR S4 OR S5) (5N) S10
S24	0	S23(S) S15(S) S16
S25	25	S23(S) (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELATE- D)
S26	17	S25 NOT (PY=>1999 OR PD=>990723)
S27	⑪	RD S26 (unique items)
S28	1378	S11(S) (S4 OR S5) (3N) S10
S29	49	S28(S) S13
S30	6	S29(S) (EFFECT? OR IMPACT? OR DICTATE?)
S31	5	S30 NOT (PY=>1999 OR PD=>990723)
S32	③	RD S31 (unique items)

all Considered

File 149:Business & Industry (R) Jul/1994-2001/Mar 08  
(c) 2001 Resp. Dir. vcs.  
File 15:ABI/Inform(R) 1971-2001/Mar 08  
(c) 2001 Bell & Howell  
File 20:World Reporter 1997-2001/Mar 09  
(c) 2001 The Dialog Corporation  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 623:Business Week 1985-2001/Mar W1  
(c) 2001 The McGraw-Hill Companies Inc

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Set	Items	Description
S1	351761	ANONYMOUS? OR MASK? OR DISGUISE? OR UNKNOWN OR HIDDEN OR UN- REVEAL?
S2	297395	BUYERS
S3	96862	SELLERS
S4	1831547	BUYING OR PURCHASE?
S5	835530	SELLING
S6	1691	S1(3N) (S2 OR S3 OR S4 OR S5)
S7	24	S6(3N) (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELATE- D)
S8	11	FUNGIBLE(3N) PROPERTIES
S9	239797	SUBSCRIBER?
S10	5088117	SECURITIES OR CONTRACTS OR STOCK? OR FUND? OR BONDS OR COM- MODIT?
S11	394838	CONDITIONAL? OR DEPENDENT? OR CONTINGENT?
S12	1286	(S4 OR S5) (3N) OTHER(3N) PROPERTY?
S13	270468	OTHER(3N) (MARKET? OR TRANSACTION? OR EVENTS)
S14	0	S13(S) S6(3N) (EFFECT OR IMPACT OR DICTATE?)
S15	432971	DISPLAY?
S16	354006	SORT?
S17	21	RD S7 (unique items)
S18	9	S6(S) S11
S19	9	RD S18 (unique items)
S20	251	S6(S) S10
S21	1	S20(S) S13
S22	828	S11(5N) (S2 OR S3 OR S4 OR S5) (5N) S10
S23	0	S22(S) S15(S) S16
S24	45	S22(S) (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELATE- D)
S25	28	S24 NOT (PY=>1999 OR PD=>990723)
S26	26	RD S25 (unique items)
S27	1613	S11(S) (S4 OR S5) (3N) S10
S28	67	S27(S) S13
S29	22	S28(S) (EFFECT? OR IMPACT? OR DICTATE?)
S30	7	S29 NOT (PY=>1999 OR PD=>990723)
S31	6	RD S30 (unique items)

(all considered)

File 624:McGraw-Hill Publications 1985-2001/Mar 08  
(c) 2001 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2001/Mar 04  
(c) 2001 San Jose Mercury News  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 148:Gale Group Trade & Industry DB 1976-2001/Mar 08  
(c) 2001 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2001/Mar 08  
(c) 2001 The Gale Group

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Set	Items	Description
S1	279106	ANONYMOUS? OR MASK? OR DISGUISE? OR UNKNOWN OR HIDDEN OR UNREVEAL?
S2	319122	BUYERS
S3	107287	SELLERS
S4	1766956	BUYING OR PURCHASE?
S5	740687	SELLING
S6	1592	S1(3N) (S2 OR S3 OR S4 OR S5)
S7	24	S6(3N) (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELATED?)
S8	(11)	FUNGIBLE(3N) PROPERTIES
S9	194713	SUBSCRIBER?
S10	4266056	SECURITIES OR CONTRACTS OR STOCK? OR FUND? OR BONDS OR COMMODITY?
S11	319977	CONDITIONAL? OR DEPENDENT? OR CONTINGENT?
S12	1050	(S4 OR S5) (3N) OTHER(3N) PROPERTY?
S13	235357	OTHER(3N) (MARKET? OR TRANSACTION? OR EVENTS)
S14	0	S13(S) S6(3N) (EFFECT OR IMPACT OR DICTATE?)
S15	529258	DISPLAY?
S16	264119	SORT?
S17	(23)	RD S7 (unique items)
S18	6	S6(S) S11
S19	(6)	RD S18 (unique items)
S20	165	S6(S) S10
S21	(1)	S20(S) S13
S22	922	S11(5N) (S2 OR S3 OR S4 OR S5) (5N) S10
S23	0	S22(S) S15(S) S16
S24	101	S22(S) (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELATED?)
S25	82	S24 NOT (PY=>1999 OR PD=>990723)
S26	76	RD S25 (unique items)
S27	1257	S11(S) (S4 OR S5) (3N) S10
S28	32	S27(S) S13
S29	4	S28(S) (EFFECT? OR IMPACT? OR DICTATE?)
S30	3	S29 NOT (PY=>1999 OR PD=>990723)
S31	(3)	RD S30 (unique items)
S32	3	S26(S) OTHER(3N) (PROPERTY? OR ASSET? ?)
S33	(3)	RD S32 (unique items)

all considered

File 2:INSPEC 1969-2001/W1  
(c) 2001 Institute of Electrical Engineers  
File 35:Dissertation Abstracts Online 1861-2001/Feb  
(c) 2001 UMI  
File 65:Inside Conferences 1993-2001/Feb W4  
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(c) 2001 Cambridge Sci Abs  
File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Jan  
(c) 2001 The HW Wilson Co.  
File 583:Gale Group Globalbase(TM) 1986-2001/Mar 09  
(c) 2001 The Gale Group

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Set	Items	Description
S1	158025	ANONYMOUS? OR MASK? OR DISGUISE? OR UNKNOWN OR HIDDEN OR UNREVEAL?
S2	16673	BUYERS
S3	3027	SELLERS
S4	143698	BUYING OR PURCHASE?
S5	39786	SELLING
S6	915	S1 AND (S2 OR S3 OR S4 OR S5)
S7	71	S6 AND (MATCH? OR RELATE OR RELATING OR CORRELATE? OR RELATED?)
S8	0	FUNGIBLE(3N) PROPERTIES
S9	36797	SUBSCRIBER?
S10	720823	SECURITIES OR CONTRACTS OR STOCK? OR FUND? OR BONDS OR COMMODITY?
S11	774447	CONDITIONAL? OR DEPENDENT? OR CONTINGENT?
S12	134	(S4 OR S5) AND OTHER(3N) PROPERTY?
S13	124131	OTHER AND (MARKET? OR TRANSACTION? OR EVENTS)
S14	11	S13 AND S6 AND (EFFECT OR IMPACT OR DICTATE?)
S15	188460	DISPLAY?
S16	36515	SORT?
S17	27	S6 AND S11
S18	142	S6 AND S10
S19	496	S11 AND (S2 OR S3 OR S4 OR S5) AND S10
S20	467	S11 AND (S4 OR S5) AND S10
S21	9	S14 NOT (PY=>1999 OR PD=>990723)
S22	9	RD S21 (unique items)
S23	25	S17 NOT (PY=>1999 OR PD=>990723)
S24	25	RD S23 (unique items)
S25	1	S19 AND S15 AND S16
S26	1	(S18 OR S19 OR S20) AND S15 AND S16
S27	92	(S18 OR S19 OR S20) AND (S12 OR S13)
S28	79	S27 NOT (PY=>1999 OR PD=>990723)
S29	79	RD S28 (unique items)
S30	74	S29 NOT (S22 OR S24 OR S25 OR S26)

all considered